Unpacking and Stand Fixing with Monitor

Stand Fixing steps

Plug & Play

This Monitor can be installed on any Plug & Play compatible System. Interaction of the monitor and computer systems will provide the best operating conditions and monitor settings. In most cases, monitor installation will proceed automatically, unless the user wishes to select alternate settings.

Note: Design and Specifications are subject to change without prior notice

Specifications

Product	17" Color Monitor
Display Tube	
Type	17"(43cm) Full square (4d)-6cm viewable)
Deflection Angle	90 Degree
Dot Pitch	0.23mm (Horizontal)
Screen Type	Aluminized P-factor phosphor dot tho with black matrix Anti-coming inver s'adow mask.
Maximum Resolution	
	1280 Dots, 1024 Lines
Active Display	
Horizontal	312.4 mm
Vertical	234.4 mm
Synchronization	
Horizontal	30 ~ 70 KHz
Vertical	50 ~ 160 Hz
Input Signal Definition	
Video Signal	RGB, Analog 0.7 Vpp positive at 75 ohms ±5%
Sync Signal	Separate H/V sync, T T L level, positive or negative
Display Colors	Unlimited
Pixel Clock	110 MHz (Maximum)
Power Supply	90 ~ 264 VAC rms. (50/50 Hz ± 3 HZ)
Power Consumption	
Minimum	70 W
Maximum	75W
Dimensions (WxDxH)	412 x 420 x 415.5 mm (With Stand)
Net Weight	15 kg
Environmental Considerations	
Operating	Temperature 32°F ~ 104°F (0°C ~ 40°C)
	Humidity 10 % ~ 80 %, non-condensing
Storage	Temperature -4°F ~ 113°F (-20°C ~ 45°C)
	Humidity 5 % ~ 95 %, non-condensing

Direct Access Button

Brightness and Contrast can be adjusted as follows, without the need to display the OSD. Select the function and use the +/- buttons to adjust. If adjustment is not made, the current setting will be saved & Control Screen will disappear automatically .

Icon	Control	Description
- ☼	BRIGHTNESS	Adjusts the background brightness.
+ ◐	CONTRAST	Adjusts the contrast between foreground and background.

On-Screen Display (OSD)

To Display the OSD, press the MENU button. While the MENU display is on the screen, you can select a control using +/- button. When the required control is highlighted, push the button to activate the control and then use +/- button to make adjustments.

Troubleshooting

Before calling for service, check the information in this section to see if you can remedy any problems yourself. If you do need assistance, contact your dealer.

Symptom	Check Points	Solution
No image on the screen. I cannot turn on the monitor	Is the power cord connected properly?	Check the power cord connection & supply.
	Can you see " ? " on the Screen ?	Check the signal cable connection.
	If the power is on, reboot the computer to see the initial screen (the login screen), which can be seen.	If the initial screen (the login screen) appears, boot the computer in the applicable mode (the safe mode for the Windows XP/2000) and then change the frequency of the video card. Note: If the initial screen (the login screen) does not appear, contact a service center or your dealer.
	Can you see " " on the screen ?	You can see this message when the signal from the video card exceeds the maximum resolution and frequency that the monitor can properly handle. Adjust the maximum resolution and frequency that the monitor can properly handle.
	There is no image on the screen. Is the power indicator on the monitor blinking at 1 second interval?	The monitor is in Power Saver mode. Press a key on the keyboard or move the mouse to activate the monitor and restore the image on the screen.
The image on the screen is shaking.	Check the monitor configuration to see if it is in Interlace Mode (Interlace mode : Vertical frequency 43Hz, 87Hz(i), etc.)	The signal from the video card exceeds the maximum resolution and frequency of the monitor.
	Are there any magnetic products such as a power adapter, speaker or a high voltage near the monitor?	Move the monitor away from anything that can create a strong magnetic field.
	Is the voltage stable ?	The screen image can appear to shake or vibrate at a particular time of day due to low supply voltage.
	The screen image can also appear to shake or vibrate if there is a problem with the video card or the computer's main board.	
The screen shows strange colors or just black and white.	Is the screen displaying only one color as if looking at the screen through a cellophane paper ?	Check the signal cable connection. Make sure the video card is fully inserted in it's slot.
	Have the screen colors become strange after running a program or due to a crash between applications ?	Reboot the computer.
	Has the video card been set properly ?	Set the video card by referring to the video card manual.
The screen suddenly has become unbalanced.	Have you changed the video card or the driver ?	Adjust screen image position and size using the OSD.
	Have you adjusted the resolution or frequency to the monitor?	Adjust the resolution and frequency at the video card.
	The screen can be unbalanced due to the cycle of the video card signals. Readjust position by referring to the OSD.	
The screen is out of focus or OSD cannot be adjusted.	Have you adjusted the resolution or frequency on the monitor?	Adjust the resolution and frequency of the video card.
The screen is partially distorted.	Are there any magnetic products such as an adapter, speaker or a high voltage wire near the monitor?	Enter the OSD and perform a "Degauss". Keep the monitor away from any magnetic products.
LED is blinking but no images on the screen.	Is the frequency properly adjusted when checking the Display Timing on the menu?	Adjust the frequency properly by referring to the video card manual and Preset Timing Modes. (The maximum frequency for resolution may differ from product to product)
There are only 16 colors shown on the screen. The screen colors have changed after changing the video card.	Have the Windows colors been set properly?	For Windows XP/2000, Set the colors properly at the Control Panel, Display, Settings.
	Has the video card been set properly?	Set the video card by referring to the video card manual
There is a message that reads "Unrecognized monitor, Plug & Play (VESA DDC) monitor found.".	Have you installed the monitor driver?	Install the monitor driver according to the Driver Installation Instructions.
	See the video card manual to see if the Plug & Play (VESA DDC) function can be supported	Install the monitor driver according to the Driver Installation Instructions.

USER'S HANDBOOK

17"

Caution

* When cleaning the monitor case or surface of the CDT, wipe with a slightly moistened, soft fabric.
Do not clean monitor with water. Use a water-diluted mild detergent.
(Some Detergents contain significant amount of alcohol-based solvents, which can damage (Color Change) or crack the monitor case.
The antiglare/anti-static Dilute the detergent (1:10 ratio) with water before using.

* Set the DPMS to "Power Saving" mode when the monitor is not in use.
When using a screen saver, be sure to configure an image or text that "floats" or continuously moves around the screen.
You should avoid Internal (fluorescent substance) damage so that if an after image happens, you have configured a small sized image that is stationary on the screen.

Connecting Your Monitor

1. Connect the power cord of your monitor to the power port on the back of the monitor. Plug the power cord of the monitor into a power outlet.
2. Connect the end of the signal cable to your computer's video port.
3. If you are using a Macintosh computer, connect the cable to a Macintosh adapter, and set the pins on your adapter (Adapter not included).
A PC-compatible computer does not need an adapter.
4. Turn on your computer and monitor. If your monitor displays an image, installation is complete.

Self-Test Feature Check

Your monitor provides a self test feature that allows you to check whether your monitor is functioning properly.
1. Turn off both your computer and the monitor.
2. Unplug the video cable from the back of the computer.
3. Turn on the monitor.
If your monitor works normally, the following screen appears.

Failure of any of the boxes to appear indicates a problem with your monitor. This box also appears during normal operation if the video cable becomes disconnected or damaged.

4. Turn off your monitor and reconnect the video cable; then turn ON both your computer and the monitor. If your monitor screen remains blank after using the previous procedure, check your video controller and computer system; your monitor is functioning properly.

Warning Messages

If there is something wrong with the input signal, a message appears on the screen or the screen goes blank although the power indicator LED is still on. The message may indicate that the monitor is out of scan range or that you need to check the signal cable.

Environment

The location and the position of the monitor may influence the quality and other features of the monitor.
1. If there are any woofer speakers near the monitor, unplug and relocate the woofer to another room.
2. Remove all electronic devices such as radios, fans, clocks and telephones that are within 3 feet (one meter) of the monitor.
3. Degauss the monitor if any devices were removed from the area.

User Controls

1 Exit button : Use this button to Exit the active menu or the OSD

2,3 Adjust button : These buttons allow you to highlight and adjust items in the menu.

4. Menu button : Use this button to open the OSD and activate a highlighted menu item.

Useful Tips

O A monitor recreates visual signals received from the PC. Therefore, if there is trouble with the PC or the video card, this can cause the monitor to become blank, have poor coloring, noise, Sync. Out of Range, etc. In this case, first check the source of the problem, and then contact a service center or your dealer.

O Judging the monitor's working condition
If there is no image on the screen or an " ?" message comes up, disconnect the cable from the computer while the monitor is still powered on.
o If there is a message coming up on the screen or if the screen goes white, this means the monitor is in working condition.
o In this case, check the computer for trouble.

O Best Resolution Condition.
o For 17" Monitor : 1024 x 768

Power Saver

This monitor has a built-in power management system called Power Saver. This system saves energy by switching your monitor into a low-power mode when it has not been used for a certain amount of time. The monitor automatically returns to normal operation when you move the computer's mouse or press a key on the keyboard. For energy conservation, turn your monitor OFF when it is not needed, or when leaving it unattended for long periods. The Power Saver system operates with a VESA DPMS compliant video card installed in your computer. Use a software utility installed on your computer to set up this feature.

State	Normal Operation	Power-off mode EPA/ ENERGY 2000
Power Indicator	Green	Green, Blinking
Power Consumption	70 W (Normal) 75 W (Maximum)	Less than 1W

This monitor is EPA ENERGY STAR compliant and ENERGY2000 compliant when used with a computer equipped with VESA DPMS functionality.

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P/No. : BH68-00583H-01

Adjust Your Monitor

Note : Please use or buttons to get desired settings

OSD	Description
	Adjust the Brightness
	Adjust the Contrast.
	H "Moire" pattern can appear on your screen, looking like a series of concentric circles or arcs. To eliminate this pattern, use the horizontal moire adjustments.
	V "Moire" pattern can appear on your screen, looking like a series of concentric circles or arcs. To eliminate this pattern, use the vertical moire adjustments.
	The Degauss feature will remove color impurities caused by magnetic fields.
	Use the recall feature to reset these monitor settings to their original level: Position, Size, Pincushion, Trapezoid, Parallelogram, Pinbalance, Rotation, H-Moire and V-Moire. Note: If you have selected "Yes", all settings listed above will be reset. All other settings will remain the same.

Adjust Your Monitor

Note : Please use or buttons to get desired settings

OSD	Description
K	Color temperature is a measure of the 'warmth' of the image colors. The colour range are 6500 to 9300K.
	Used to adjust the monitor color setting. (Red)
	Used to adjust the monitor color setting. (Green)
	Used to adjust the monitor color setting. (Blue)
sRGB	When sRGB mode is selected, Color Temp. is 6500K. The Brightness & Contrast can not be varied.

Adjust Your Monitor

OSD	Description
	You can see the frequency (user control mode) used by the user, the polarity of the operational signals, the default frequency (default mode) set when you buy the monitor and the resolution level. Note: These screens do not allow any changes to the settings, they are for information only.

Adjust Your Monitor

Note : Please use or buttons to get desired settings

OSD	Description
	Follow these instructions to change the horizontal position of the monitor's entire display
	Follow these instructions to change the vertical position of the monitor's entire display.
	Follow these instructions to change the horizontal size of the monitor's entire display.
	Follow these instructions to change the vertical size of the monitor's entire display.
	Adjust the pincushion setting when the sides of the display are bowed in or bowed out.
	Adjust the pinbalance setting when the sides of the display are bowed towards the left or right.
	Adjust the trapezoid setting when the top or bottom of the display is too large or small.
	Adjust the parallelogram setting when the display is leaning left or right.
	Adjust the rotation setting when the entire display is tilted left or right.